

ABSTRACT

Tauhid Tauhid Lembang Bandung is a manufacturing company that produces tofu. The process of inventory management of raw materials soybean Tauhid Tauhid is crucial because if soybeans stored longer cause rot soy so this result in losses for the company. Inventories can be controlled by the method of Economic Order Quantity (EOQ). This method can produce a calculation of the amount of economic order at minimum cost. Web-based applications made by calculating EOQ functionality to control the amount of raw materials from the inventory process by considering the method EOQ and Safety Stock Reorder Point, as well as presenting accounting reports in the form of a journal, general ledger, purchasing reports and report production data. Software development using a structured model consisting of a Data Flow Diagrams (DFD), Entity Relationship Diagram (ERD), data dictionary, and process specifications. Implementation of a web-based application is made using the programming language PHP and MySQL database. Testing was conducted by Blackbox Testing of the functionality of the application and results of application testing has been as expected.

Keywords: Management, Raw Material Inventory, Economic Order Quantity(EOQ).